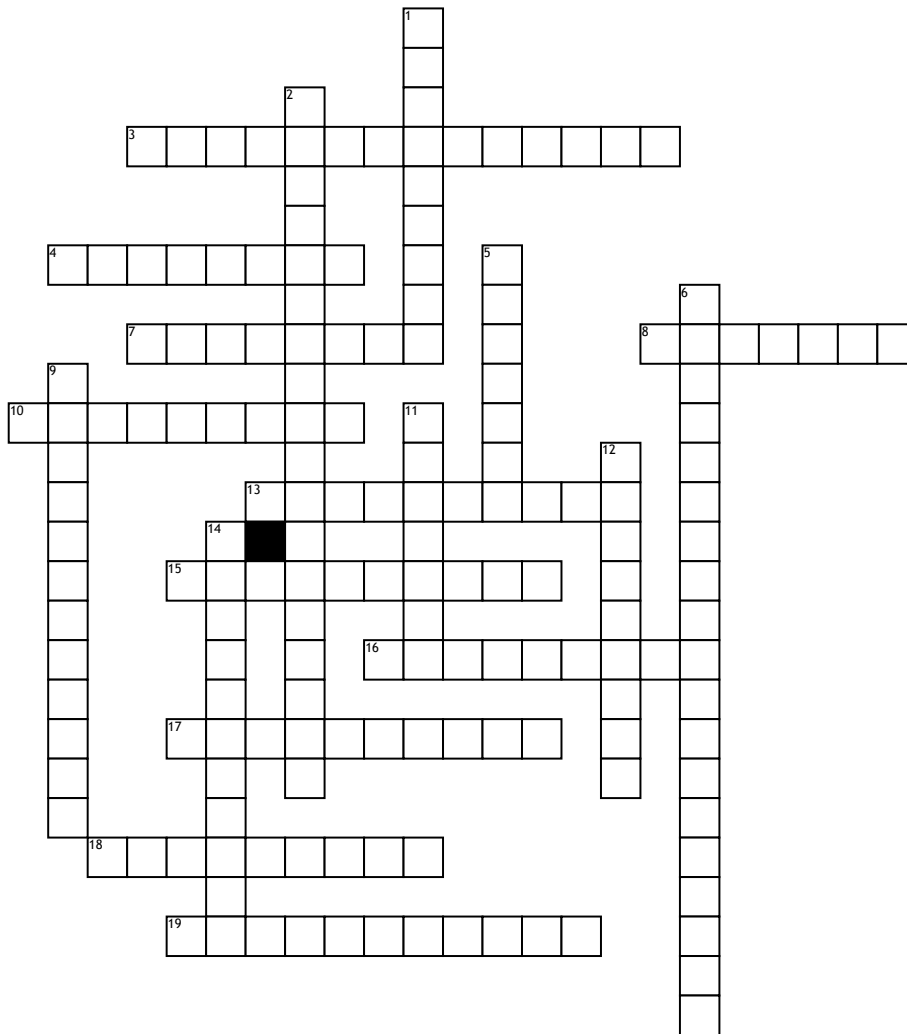


Photosynthesis, Cellular Respiration, and The Carbon Cycle



Across

- 3. the process of capturing light energy and using it to make food from carbon dioxide and water
- 4. organisms that create their own food (7th grade vocab word for this)
- 7. an organism that eats both plants and animals, a type of heterotroph
- 8. meaning with oxygen, most cellular respiration is of this type
- 10. the ingredients used to create something new
- 13. a synonym for burning
- 15. an organism (especially a type of bacteria or fungi) that breaks down dead organisms, a type of heterotroph

- 16. an organism that eats a diet consisting mainly of plants, a type of heterotroph
 - 17. a natural fuel such as coal or gas formed from the remains of living organisms
 - 18. organisms able to make their own food from light energy (8th grade vocab word for this)
 - 19. a green pigment found in chloroplasts
- Down**
- 1. an organism that eats a diet consisting mainly of meat, a type of heterotroph

- 2. according to this law matter is neither created nor destroyed
- 5. something new that is created
- 6. the process of oxidizing glucose to release ATP energy
- 9. the process by which cells release energy from food without using oxygen
- 11. a type of sugar created in the process of photosynthesis
- 12. meaning without oxygen, another term for fermentation
- 14. must consume other organisms for energy

Word Bank

- | | | | |
|--------------|--------------------|-------------|---------------------|
| fossilfuel | heterotroph | producer | cellularrespiration |
| omnivore | carnivore | combustion | herbivore |
| aerobic | photosynthesis | autotroph | product |
| fermentation | glucose | reactants | anaerobic |
| decomposer | conservationofmass | chlorophyll | |